

# **Dandan Zhang**

## **Professor in Economics (with Tenure)**

Youth Cheung-Kong Scholar

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## **EMPLOYMENT**

02/2024-Now	Professor (with Tenured)
National School of Development, Peking University, Beijing, P.R.China	
02/2024-Now	Professor (joint)
Institute for Global Health and Development, Peking University, Beijing, P.R.China	
08/2019-01/2024	Tenured Associate Professor
National School of Development, Peking University, Beijing, P.R.China	
03/2021-01/2024	Professor (joint)
Institute for Global Health and Development, Peking University, Beijing, P.R.China	
09/2012-08/2019	Assistant Professor
National School of Development, Peking University, Beijing, P.R.China	
11/2009-09/2012	Post-doc Fellowship
Research School of Economics, College of Business and Economics, The Australian National University, Canberra, Australia	
07/2003-07/2005	Assistant Researcher
Institute of Population and Labor Economics, Chinese Academy of Social Sciences, Beijing, P.R. China	

## **ADMINISTRATIVE POSITIONS**

Executive Deputy Director, China Center for Economic Research, Peking University  
(August 2025 – Present)

Founding Director, Laboratory for AI and Economics, Peking University  
(August 2025 – Present)

Vice Dean, National School of Development, Peking University  
(January 2024 – Present)

Vice Dean, Institute of South-South Cooperation and Development, Peking University  
(September 2024 – Present)

Assistant Dean, National School of Development, Peking University  
(September 2022 – January 2024)

## EDUCATION

07/2005-12/2009	Ph.D. in Economics
The Australian National University, Canberra, Australia	
Dissertation: Essays on Rural-to-Urban Migration and Its Consequences in Urban China	
09/2000-07/2003	M.A. in Economics
Chinese Academy of Social Sciences, Beijing, P.R.China	
09/1996-07/2000	B.A. in Social Sciences
Renmin University of China, Beijing, P.R.China	

## TEACHING

Undergraduate: Intermediate Econometrics, Labor Economics  
Graduate: Advanced Labor Economics, Applied Econometrics (in English)

## RESEARCH INTERESTS

Labor Economics, Health Economics, Experimental Economics

## PUBLICATIONS

1. “Air pollution, labor productivity, and individual consumption”, *Journal of Population Economics*, forthcoming (with Shuai Chen and Min Wang)
2. “Medical resource scarcity and inequality in Covid-19 fatality rates: A study based on hospitalized patients in Wuhan, China”, *Health Economics*, 2025 Mar, 34(3):376-391. (with Xiao Liu, Mingxiang Zhang)
3. “Working mothers’ dilemma during the COVID-19 pandemic: Evidence from China”, *China Economic Review*, 2024, 84: 102132 (with Yiling Zhao and Yaxuan Liu)
4. “Teleworkability and its Heterogeneity in Labor Market Shock”, *Journal of Asian Economics*, 2024, 92:101741 (with Chuliang Luo and Yiran Zi)
5. “Does being ‘left-behind’ in childhood lead to criminality in adulthood? Evidence from data on rural-urban migrants and prison inmates in China”, *Journal of Economic Behavior and Organization*, 2022, 202:675-693. (with Lisa Cameron and Xin Meng)
6. “The direct and intergenerational behavioural consequences of a socio-political upheaval”,

- Journal of Economic Behavior and Organization*, 2022, 200:931-958 (with Alison Booth, Elliott Fan and Xin Meng)
7. “Short- and medium-term impacts of strict anti-contagion policies on non-COVID-19 mortality in China”, *Nature Human Behaviour*, 2022,6:55-63 (with Jinlei Qi, Xiang Zhang, George F. Gao, Guojun He and Maigeng Zhou)
  8. “The impact of lockdown policies on labor market outcomes of the Chinese labor force in 2020: Evidence based on an employee tracking survey”, *China Economic Quarterly International*, 2022, 1(4):344-361
  9. “Impact of air pollution on labor productivity: evidence from prison factory data”, *China Economic Quarterly International*, 2021, 1:148-159 (with Shuai Chen)
  10. “The evolution of the wage gap between rural migrants and the urban labour force in Chinese cities”, *Australian Journal of Agricultural and Resource Economics*, 2020, 64(1):55-81.
  11. “China’s sex ratio and crime: behavioural change or financial necessity?” (with Lisa Cameron and Xin Meng), *Economic Journal*, 2019, 129(618): 790-820. **(Nominated for the Sun Yefang Economic Science Award’s Best Paper)**
  12. “Gender differences in willingness to compete: the role of culture and institutions” (with Alison Booth, Elliott Fan and Xin Meng), *Economic Journal*, 2019, 129(618): 734-764.
  13. “Measuring TFP of Australian agriculture industry with national account data: An international consistent method” (with Yu Sheng, Tom Jackson, and Shiji Zhao), *Review of Income and Wealth*, 2016, 63(s1):s169-s193.
  14. “Coresidency, ethnicity, and happiness of China’s rural elders” (with Rachal Connelly, Michael Iannotti, and Margaret Maurer-Fazio), *Eurasian Geography and Economics*, 2015, 56(1):70 – 88.
  15. “Education inequality between rural and urban China, migrants’ children education and some implications” (with Xin Li and Jinjun Xue), *Asian Development Review*, 2015, 32(1):1-29.
  16. “A comparison of reform-era labor force participation rates of China’s ethnic minorities and Han majority” (with Margaret Maurer-Fazio and James Hughes), *International Journal of Manpower*, 2010, 31(2): 138-162.
  17. “An ocean formed from one hundred rivers: The effects of ethnicity, gender, marriage, and location on labor force participation in urban China” (with Margaret Maurer-Fazio and James W. Hughes), *Feminist Economics*, 2007, 13(34): 125-153.
  18. “Input substitution, productivity performance and farm size” (with Keith Fuglie, Alistair Davidson, and Yu Sheng), *Australian Journal of Agricultural and Resource Economics*, 2016, 60(3): 327–347.
  19. “Energy trade efficiency and its determinants: A Malmquist index approach” (with Yu Sheng, Yanrui Wu, and Xunpeng Shi), *Energy Economics*, 2015, 50:306–314.

20. “Productivity and farm size in Australian agriculture: reinvestigating the returns to scale” (with Yu Sheng, Shiji Zhao, Katarina Nossal), *Australian Journal of Agricultural and Resource Economics*, 2014, 59:16-38.

## PUBLICATIONS IN PEER-REVIEWED CHINESE-LANGUAGE JOURNALS

1. “The Potential Impact of Large Language Model AI Technologies on China’s Labor Market“, *Management World* [管理世界], forthcoming (with Lixing Li, Hang Yu, et al.)
2. “Changes and Determinants of Labor Market Power in China’s Manufacturing Sector: Estimates Based on the Production Function Approach”, *Journal of Economics* [经济学报], forthcoming (with Jiping Chen and Chuliang Luo)
3. “Environmental protection inspection, price fluctuation of industrial products and firm entry”, *World Economy* [世界经济], 2022,1: 110-132. (with Min Wang and Shuo Li)
4. “The impact of Covid-19 on the Chinese labor market: A comprehensive analysis based on the individual tracking survey”, *Economic Research Journal* [经济研究], 2021, 56(2):4-21. (with Fang Cai and Yaxuan Liu) (*nominated for the final Pushan Academic Research Award review*)
5. “From ‘Hospital Runs’ to ‘Health Care for All’: The impact of the public health policy change”, *China Journal of Economics* [经济学报], 2021,8(2):107-131 (with Jindi Huang and Chuliang Luo)
6. “Impact of air pollution on labor productivity: Evidence from a prison factory Data”,\_ *China Economic Quarterly* [经济学季刊], 2020, 19(4):171-190. (with Shuai Chen)
7. “Role of government in the process of upgrading the industrial parks in China”,\_ *Macroeconomic Management* [宏观经济管理], 2019, 7(427):55-72. (with Luosha Du and Chi Chen)
8. “Minimum wage, rural migrants’ unemployment, and crime: Evidence from China”,\_ *China Economic Quarterly* [经济学季刊], 2018, 17(3):1035-1054. (with Lixing Li and Chen Tong)
9. “The determinants of migrant’s crime: An empirical study based on a prison survey”,\_ *China Economic Quarterly* [经济学季刊], 2014, 14(1):83-112. (with Ye Wang, Xin Meng and Lisa Cameron)
10. “Marketization and gender wage differentials”, *Population Science of China* [中国人口科学], 2004, 04(1):32-41.

## SELECTED WORKING PAPERS

1. “Bride Price and Marriage Intentions Among Young Male Migrants in China: Evidence Among Manufacturing Gig Workers” (with Minhee Chae) R&R at *Economic Modelling*
2. “Minimum wage adjustments and potential labor market outcomes in China: An

- examination through protests” under review at *Journal of Development Economics* (with Shiyun Hu, Hongyi Jiang, and Yuan Qin)
3. “Preferred sons are ‘rotten’: giving to one’s parents in the lab in China” (with Maria Porter and Xiaobo Zhang)
  4. “The Unbearable lightness of being: Impacts of Covid-19 pandemic on suicide mortality in China” (with Guojun He, Xiang Zhang, Hongbo Li, Jinlei Qi, and Maigeng Zhou)
  5. “A big push effect of rural-to-urban migration in China” (with Xin Meng)
  6. “The unintended consequence of the One-Child Policy on female crime in China: Evidence from rural-to-urban migrants” (with Zhuoyuan Gao)
  7. “Peering into attrition: The influence of peer dynamics on worker turnover”, (with Xiyuan Yu, Yichen He)
  8. “A spatial AutoRegressive Hurdle Model with group structure: Application to peer effects on smoking behavior” (with Guang Zeng)
  9. “The social impact of rural-to-urban migration on urban ‘natives’” (with Xin Meng)
  10. “The determinants of life expectancy: A correlation analysis of panel data from 2004 to 2020” (*in Chinese*) (with Hongbo Li and Wei Huang)
  11. “The Demographic Transition and the Rise of Industrial Robots in China” (*in Chinese*) (with Hongbo Li)
  12. “China’s 40 years demographic dividend and labor supply: The quantity myth” (*in Chinese*) (with Xin Meng)
  13. “The Impact of GPTs-AI technologies on the Chinese labor market” (*in Chinese*) (with Lixing Li, Hang Yu et al.)

## BOOK CHAPTERS

1. “Chapter 4: Labor Mobility and Economic Growth,” in *Development Economics in China*, edited by Yao Yang and Yang Rudai, Peking University Press, December 2023.
2. “The Impact of the COVID-19 Pandemic on China’s Labor Market: A Comprehensive Analysis Based on Individual-Level Panel Surveys,” in *Fighting the Pandemic and Resuming Work and Production: China’s Path to Stable and Innovative Employment*, edited by the China Association for Employment Promotion, China Labor and Social Security Publishing House, June 2023.
3. “The Impact of Covid Lockdowns on China’s Labour Market Outcomes in 2020: Evidence Based on an Employee Tracking Survey,” in *China’s Transition to a New Phase of Development*, edited by Ligang Song, Fang Cai, and Yixiao Zhou, ANU Press and Social Sciences Academic Press (SSAP), 2022, pp. 193–226.
4. “Opportunities and Challenges of Chinese Investment in Ethiopia: A Political Economy Perspective,” in *China-Africa Studies Review*, edited by Liu Haifang et al., Social Sciences Academic Press (SSAP), December 2021 (with Min Wang, Chenyang Li, and Xuefen Lin).

5. “The Application of Experimental Methods in Empirical Economic Research,” in *The First Lesson in Economics*, by Justin Yifu Lin et al., CITIC Press Group, June 2021.
6. “Chapter 5: Rural-Urban Labor Mobility,” in *Forty Years of Chinese Economics*, edited by Yao Yang, The Commercial Press, December 2019.
7. “New Perspectives and Applications of New Structural Economics in Labor Economics – Zhang Dandan: The Problem of China's Human Resource Endowment (Comment and Q&A),” in *What is New in New Structural Economics?*, edited by Justin Yifu Lin, Caihui Fu, and Yong Wang, Peking University Press, March 2016.
8. “Chapter 9: Gender Differences in the Social Integration of Migrants: A Wage Assimilation Model,” in *Gender and Economic Development: Empirical Research Methods*, edited by Liqin Zhang, Fenglian Du, and Xiaoyuan Dong, China Social Sciences Press, May 2012.
9. “The Global Financial Crisis and Rural-Urban Migration,” in *China: The Next Twenty Years of Reform and Development*, edited by Ross Garnaut, Ligang Song, and Wing Thye Woo, Brookings Institution Press, 2010, pp. 241–268 (with Xin Meng and Tao Kong).
10. “Impact of Economic Slowdown on Migrant Workers,” in *China's New Place in a World in Crisis*, edited by Ross Garnaut, Ligang Song, and Wing Thye Woo, Brookings Institution Press, 2009, pp. 233–260 (with Xin Meng and Tao Kong).
11. Chapters 5, 7, and 9, in *Green Book of Population and Labor (2002): Report on China's Population and Labor – Urban and Rural Employment Issues and Policy Responses*, edited by Cai Fang, Zhang Chewei, and Du Yang, Social Sciences Academic Press (SSAP), 2002.

## RESEARCH GRANTS

1. “The Relationship between Social Security and Promoting Consumption,” PI, Key Research Project of National High-End Think Tank, 2025.3-10
2. “Promoting Fuller and Higher-Quality Employment,” PI, Key Research Project of National High-End Think Tank, 2023.6-12
3. “Migrants’ Crime and Social Security System”, PI, National Social Science Foundation of China (No.20AZD086), 2020-2023
4. “COVID-19 Pandemic and Control Measures”, PI, Peking University (No.7100602966), 2020.3-2020.12
5. “A Study on Rural Migrants’ Crime in China: Pattern, Determinants and Policy Implications”, PI, Natural Science Foundation of China – General Project (No.71973004), 2020-2023
6. “Research on Promoting Fuller and Higher Quality Employment”, PI, Key Research Topic of National High-level Think Tank, June 2023 - December 2023

7. “Research on the Path to Eliminate ‘Data Silos’ and Policy Suggestions”, PI, Key Research Topic of National High-level Think Tank, March 2021 - December 2021
8. “The Impact of the COVID-19 Epidemic on Our Country's Economy: An Analysis from the Labor Market Perspective”, PI, Key Research Topic of National High-level Think Tank, March 2020 - December 2020
9. “Research on Education and Health of Rural Migrant Children: Based on a Subjective Measure in Human Capital”, PI, Natural Science Foundation of China –Youth Fund Project (No.71403009), 2015-2017
10. “Rural Governance, Left-Behind Children and Its Social Consequences”, PI, sponsored by the Institute of New Rural Development, Peking University, 2018
11. “Research on the Impact of Population Change on Economic Growth”, PI, sponsored by the National Development and Reform Commission of China, 2015
12. “Social and Economic Impacts of Rural-to-Urban Migration in China”, PI, sponsored by the Beijing Municipal Government, 2013-2015
13. Tongshan Education Grant, PI, Peking University, 2012-2013
14. “Dynamic Wage Gap between Urban Labor Force and Rural Migrants in Chinese Cities”, PI, sponsored by the Poverty and Economic Policy, 2008-2010

## HONORS & AWARDS

Named a 2025 Youth Power Representative by *Southern People Weekly*, June 2025)

Young Changjiang Scholar, Ministry of Education of China, 2023

Boya Young Fellow (Renewed Appointment), Peking University, 2023

Nominated for the Excellence in Teaching Award at Peking University, 2023

Recipient of the Outstanding Teaching Award at Peking University, 2022

Awarded the Excellent Mentor Award for “Undergraduate Research Training” at Peking University, 2022

Youth Cheung-Kong Scholar, Ministry of Education, 2020

Boya Youth Scholar, Peking University, 2020

*Mulan* Scholar Honorary Title, Peking University, 2019

*Mulan* Youth Scholar Honorary Title, Peking University, 2018

Bank of Beijing - Teaching Achievement Award, Peking University, 2018

Teaching Achievement Award, Peking University, 2016-2017

Excellent Class Teacher, Peking University, 2016-2017

Teaching Achievement Award for Youth Lecturers, Peking University, 2015

First Prize for Excellent Overseas Students, Ministry of Foreign Affairs, China, 2011

## **OTHER PROFESSIONAL ACTIVITIES**

Guest Editor, Journal of Asian Economics (01/2024–Present)

Executive Council Member, 2nd Labor Economics Society of China (04/2024–12/2026)

Chair, Committee on Artificial Intelligence and Flexible Employment, Labor Economics Society of China (04/2024–12/2026)

Executive Board Member, Asian and Australasian Society of Labour Economics (AASLE) (12/2024–12/2027)

Academic Committee Member, Caixin Think Tank (10/2024–10/2027)

Founding Expert Member, Committee on Health Measurement and Evaluation, Chinese Preventive Medicine Association (03/2021–03/2026)